


JCOTS 2014 Work Plan

PROPOSED

Issues Potentially Continued From 2013

- Electronic Identity Management
- Education & Broadband Technology & Education 

2014 Session Legislation

- SB 599 (Cosgrove) – Student data; cloud computing
 - Referred to JCOTS for study
 - See also HB 1114 (Yancey) – identical bill
- SJ 61 (Reeves) – Directs JCOTS to study strategies for preventing and mitigating potential damage caused by geomagnetic disturbances and electromagnetic pulses

Other Issues

- Nano-satellites: Study the establishment of a consortium on space science education to advance nano-satellites and cube satellites to low-earth orbit or deep space
 - Requested by Delegate Kilgore

Proposed Work Plan

Advisory Committees	Full Commission
Nanosatellites	Student Data & Cloud Computing
Identity Management	
Technology & Education	Geomagnetic Disturbances & Electromagnetic Pulses

Nanosatellites

- Study the establishment of a “Consortium on Space Science Education”
 - Focus on public/private partnership between public and private universities, companies, and aerospace organizations to advance the design and implementation of innovative space missions launching from the Mid-Atlantic Regional Spaceport
 - Advance the use of nanosats and cubesats
- Possible members: Representatives of: Secretaries of Technology, Education, and Commerce & Trade; Universities & SCHEV; Aerospace companies in Virginia; MARS; NASA; Virginia Space Grant Consortium; SCHEV; Commercial Space Flight Authority; and the Aerospace Advisory Council.
- Potential to look at “Kentucky Space” as a consortium model

Identity Management

- Continue work from past Interims
- Continue to solicit feedback and opinions regarding need for legislation establishing private sector liability parameters
- Discuss management of identity at the state level – should one state agency be tasked with identity issues?

Technology & Education

- 2013 Advisory Committee focused on issues related to broadband access and education
- 2014 Advisory Committee would expand its focus to include other topics related to use of technology in education, specifically at the K12 level
- Possible members: Representatives of: the Secretary of Technology and Education, the Department of Education, local school boards, school administration, parents, technology experts

Student Data & Cloud Computing

- SB 599 (Cosgrove) was referred to JCOTS for study (HB 1114 is identical House Bill)
- The bill would prohibit a cloud computing service provider that enters into a contract with a school division from using the service for any secondary benefit, such as targeting advertising or sale of student data
- Current litigation in California is challenging the use of cloud computing services for secondary purposes
- Issues presented in the bill are policy decisions that should be considered by JCOTS; recommendation is that issue be taken up at full Commission meeting and not through the formation of an advisory committee

Geomagnetic Disturbances & Electromagnetic Pulses

- HJ 61 (Reeves) directs JCOTS to study the Commonwealth's vulnerabilities to geomagnetic disturbances and electromagnetic pulses, and to make recommendations regarding potential strategies to mitigate the impact
- Much work is already being done by the private sector to protect private infrastructure in the Commonwealth (and around the country)
- Concern that some of the data & mitigation plans are proprietary and sensitive, and thus public meetings may not be productive
- Suggest that staff undertake a study and meet with relevant stakeholders to compile a report – a model used frequently by other legislative Commissions

Other Issues to be Monitored

- Unmanned Vehicle Systems (Mid-Atlantic Aviation Partnership)
- VITA
- Broadband Advisory Council
- Cybersecurity
- Modeling & Simulation Advisory Council
- Aerospace Advisory Council

Questions or Suggestions?